GOVERNMENT OF MYSORE—ELECTRICAL DEPARTMENT.

OFFICE OF THE SUPERINTENDENT, POWER & LIGHTING, BHADRAVATI.

Tender Notification.

1. Sealed tenders in triplicate written in ink or typewritten will be received at the Office of the Superintendent, Power and Lighting, Bhadravati, superscribed with the name of the work mentioned below with an earnest money of Rs. 175.

2. The plan connected with the work may be seen at the office of the undersigned and the office of the Assistant Superintendent, Davangere, at all working hours.

3. The tenders should be drawn up strictly in conformity with the specifications furnished writing out the rates at which each item of work will be executed in figures as well as in words, failing which no cognisance will be taken of the tender. No items other than those noted in the statement should be included as the items cover provision for all sundries, repairs to damaged masonry and painting.

4. The materials to be used on the work should be of best quality conforming to the specifications of this department and B.S. or A.I.E.E. specification. Mention should also be made of the manufacture and the catalogue number of the materials offered. Teakwood planks, lamp-holders, ceiling roses, control switches, covers, etc., should be of reinforced bakelite materials and should be of cream coloured finish to suit the colour of the wall of the Hospital.

5. The undersigned reserves the right to reject the tenders without assigning any reason therefor.

6. The successful tenderer will be required to execute an agreement within two days from the date of communication of acceptance of the tender. He should send samples of all the materials required for the work mounted on a board and start the work after obtaining the approval of the undersigned with regard to the same within a week from the date of communication of acceptance. Failure to adhere to the conditions above will entail forfeiture of the earnest deposit and adoption of such measure as are necessary for expediting the work otherwise entirely at his risk. He should also bind himself to execute the work strictly adhereing to the Wiring Rules of this Department as well as those of I.E.E. He should also be prepared to adopt changes in the location of lighting fixtures, control points, etc., that might be desired by the undersigned during the progress of the work without any obligation, if the tender is not materially affected thereby. It should also be noted that control switches, wall plugs, etc., should be grouped wherever necessary and located as far as possible in inconspicuous places.

7. *Name of work.*—Installing electric lights and heating Circuits to Bhimarayappa-Savitramma Local Fund Dispensary and Maternity Hospital at Davangere.

8. *Last date for receiving tenders.*—3 P.M. on 6th January 1940.

9. *Date and time of opening the tenders in public.*—6th January 1940 at 4 P.M.

If the undersigned happens to be on tour during the period the tenders will be opened immediately after he returns to Headquarters.

10. A period of three weeks will be allowed for final completion of the work with effect from the date of final acceptance of the tender. A penalty of annas four for each day's delay over and above the stipulated period during the first week and annas eight during the second week will be imposed. If there be further delay the department will take charge of the installation at whatever stage it might be and arrange for its completion through any other agency entirely at the risk of the tenderer.

11. The firm executing the work should arrange while handling over the installation to this department to pass the certificate of guarantee for the continuance of satisfactory service to the installation for a period of 12 calendar months from the date of handing over charge to this department while uninterrupted power supply is maintained. Further it will be obligatory on the part of the firm to attend to any defect in the installation that might crop up due to bad workmanship, etc., during the above period without any return on the service rendered.

12. *Details of work.*—The quantity given in the annexed statement are not guaranteed and are subject to variation at the time of executing the work.

13. The contractors are prohibited from making requests to treat any arrears of payment due to them by Government as earnest money.

13 The earnest money should be paid in cash and a departmental receipt for having deposited the amount should accompany the tender.

14. Tenders not received in complete form in accordance with the above instructions shall not be considered.

DETAILS OF WORK.

Sl. No.	Name of work.		
	PART "A"—INSTALLING ELECTRIC LIGHTS TO THE BHEEMARAYAPPA-SAVITRAMMA LOCAL FUND DISPENSARY AND MATERNITY HOSPITAL AT DAVANGERE.		
	1. *Over-head mains common to all Buildings :—*		
1.	Supplying, fixing wooden Ascu treated poles 26 ft. long or round steel poles ..	No.	11
2.	Supplying and fixing cross-arms 2-pin D. C. A. complete with distant pipe pieces	Set	12
3.	Supplying and fixing cross-arms 2-pin S. C. A. complete	No.	4
4.	Supplying and fixing insulators with pins for 600 volts	,,	56
5.	(*a*) Supplying and fixing guy sets complete with anchor and guy rod and 7-strand guy wire	Set	10
	(*b*) Supplying and fixing a brace pole with clamp, etc.	No.	1
6.	Supplying and stringing copper wire, bare hard-drawn, No. 4 B. & S., including sag and dead ends	Ft.	750
		Lbs.	95
7.	Do do do ..	Ft.	550
		Lbs.	44
8.	Supplying and stringing copper wire, bare hard drawn, No. 8 B. & S. including sag and dead ends	Ft.	315
		Lbs.	16
9.	Supplying and fixing and wiring on a pole (provided *vide* item 1) a goose-neck lamp fitting complete with alluminium hood, radial wave reflector, B. C. lamp holder controlled by a 10-amp. D. P. weather proof street lighting switch with fuse in C. I. case similar to G. E. Co. Catalogue No. S. 648 fixed at a height of 5 to 6 ft. from the ground level, running the control wires in suitable braized conduit, well supported with clamps along the pole, using No. 14 B. & S. insulated wire, 2,500 Meg. Ohm grade and accessories	No.	3
10.	Supplying and fixing an outrigger	L. S.	
11.	Do do lamps M.F.B.C., 100 watts, 230-v.	No.	3
	PART "B"—MALE SECTION.		
	(Interior Work).		
1.	Supplying and fixing and wiring a varnished teak wood board 24″×18″×1″ with 2″ battens and rear board, equipping the same with two 30 amps. D.P.S.T. Iron clad switches (one for the lighting circuit and another for the heating circuit) one three-way double pole iron clad distribution box, 10 amp., per way 'Neata' Home Office pattern with 10-amp. circuit switches using No. 6 B. & S. insulated wire 2,500 Meg. grade and accessories	No.	1
2.	Do do T. W. board 18″×15″×1″ with 2″ battens and rear board in the Male Dressing Room equipping the same with 2 D.P.S.T. iron clad switches with fuse 15-Amps. (one for the Heating and another for the Lighting circuit) using No. 6 and 14 B. & S. insulated wires, 2,500 Meg. grade and accessories	No.	1
3.	Do do in 2″×1″ two-way T. W. casing, and capping, treated with 2 coats of varnish in the inside and finished in two coats of white-lead outside for $\frac{3}{8}$″ braized conduit pendants 2′ to 3′ long complete with brass ceiling plate, B. C. lamp holder, 5-Amps. bakelite, cream coloured control switch, using No. 14 B. & S. insulated wire, 2,500 Meg. grade and accessories	No.	7
4.	Do do for Ivanhoe Trojan fittings 14″ dia. suspension type complete with canopy chain, plain opal grass ware, B. C. lamp holder and control swicthes and other accessories as per specification against item No. 3	No.	1
5.	Do do do 12″ dia.	No.	7
6.	Do do fancy brackets O. C. 9″×$\frac{5}{8}$″ complete with B. C. lamp holder and as per specification against item No. 3..	No.	2
7.	Supplying, fixing and wiring for brackets P. B. 9″×$\frac{5}{8}$″ complete with B. C. lamp holder, 5-amp. bakelite ordinary control switches and other accessories as per previous item	,,	7
8.	Supplying, fixing and wiring batten holders, bakelite as per specification *vide* item No. 3	,,	4
9.	Do do wall plugs combined with switch 5-amp.	,,	12
10.	Do do for Bulk Head fittings complete with B. C. lamp holder and as per specification *vide* item No. 3	,,	1

No.	Name of work.		
11.	Supplying and fixing and wiring one dispersive industrial fitting 16" dia. fitted with a counter weight for Operation Theatre complete with B. C. lamp holder and 5-amp. cream coloured flush type control switch embedding the length of the control wires in ⅝" braized conduit pipe using No. 14 B & S. wire (insulated) 2,500 Meg. grade and other accessories	No.	1
12.	Supplying and fixing shades, Opal green, conical 10" dia.	,,	11
13.	Do do tin enamelled 10" dia.	,,	7
14.	Do do fancy shades	,,	2
15.	Do do lamps M.F.B.C. 100, W., 230-v.	,,	2
16.	Do do 40 to 60 watts, 230-v.	,,	28

(Exterior Work).

1.	Supplying, fixing and wiring mains (common to both heating and lighting) in 1¼" G. I. or braized pipe supporting the same along the wall and the pole by suitable clamps, using No. 6 B. & S. wire (insulated) 2,500 Meg. grade and accessories	Ft.	50
2.	Earthing	L. S.	

PART "C"—FEMALE SECTION.

(Exterior Work—Mains).

1.	Supplying, fixing and wiring mains in 1½" Galvanised pipe, well supported on the pole and on the wall with suitable clamps using No. 4 B. & S. insulated wire 2,500 Meg. grade and accessories (common to both heating and lighting) in the Maternity Ward	Ft.	40
2.	Do do mains in ¾" braized conduit (common to both Heating and lighting) supporting the same along the pole and on the wall by suitable clamps using No. 8 B. & S. insulated wire 2,500 Meg. grade for the Out-patient Section in the female Dressing Room	Ft.	20
3.	Earthing	Sets	2

(Interior Work).

4.	Supplying, fixing and wiring a varnished T. W. Board 30"×18"×1" with 2" batten and rear board finished with 2 coats of white-lead, equipping the same with a 60 amp. D.P.S.T. iron clad switch with fuse for the heating circuit, one D.P.S.T. 30 amp. iron clad switch for the lighting circuit and one 3-way ironclad distribution box, 10-amp. per way, "Neata" Home office pattern using 10-amps. circuit switches and 4 and 10 B. & S. insulated wires 2,500-Meg. grade	No.	1
5.	Do do a T. W. board 18"×15"×1" with 2" battens and rear board, finished with 2 coats of white lead equipping the same with two 15-amp. iron clad switches one for the heating and another for lighting circuit for the Dressing Room circuits using No. 8 B. & S. insulated wire 2,500 Meg. grade and accessories	,,	1
6.	Do do do in 2" by 1" two-way teakwood casing and capping treated with 2 coats of varnish inside and finished with two coats of white lead outside for ⅝" braized conduit pendents 2-ft. to 3-ft. long complete with brass ceiling plate B. C. lamp holder, 5-amps. bakilite cream coloured control switch using No. 14 B. & S. insulated wire, 2,500 Meg. grade and accessories	,,	12
7.	Do do do for Ivanhoe troja fittings 16" dia. suspension type complete with canopy chain, plain opal glass ware, B. C. lamp holder and control switches and other accessories as per specification of item No. 6	,,	2
8.	Do do do fitting 12" dia. suspension type complete with canopy, chain, plain opal glass ware, B. C. lamp holder and control switches and other accessories as per specifications, item No. 6	,,	1
9.	Do do do Ivanhoe rigid pendent fitting 12" dia. complete with ¾" brass polished pipe	,,	1
10.	Supplying, fixing and wiring fancy brackets O. C. 9"×⅝" complete with B. C. lamp holder, 5 amp. bakelite control switches and other accessories as per item No. 6	,,	2
11.	Do do do brackets ordinary B. B. 9"×⅝"	,,	2
12.	Supplying, fixing and wiring for batten holders bakelite and as per specification of item No. 6	,,	4
13.	Do do wall plugs combined with switch 5 Amp.	,,	6
14.	Do do do flood light (baby) fitted with "G. E. Co. Ray" Reflector, complete with bracket and lamp holder suitable for 200watts lamps as per G. E. C. Cat. No. F. 5631	,,	1

Serial No.	Name of work.		
15.	Supplying, fixing and wiring for a dispersive Industrial Fitting with counter weight arrangement and as per specification for the Labour Room ..	No.	1
16.	Supplying, fixing and wiring bulk head fittings complete with B.C. lamp holder and as per specification as per item 6	,,	1
17.	Supplying, fixing shades, opal green, conical 10" dia.	,,	14
18.	Supplying and fixing tin enamelled shades 10" dia.	,,	4
19.	Do do fancy shades	,,	2
20.	Do do lamps Osram, 230 volts, 200-w. suitable for the "Geco Ray" fitting	,,	1
21.	Do do lamps B.C. 230 volts (spiral filament) for fancy brackets in the Maternity ward	,,	2
22.	Do do M.F.B.C. 100 watts.	,,	5
23.	Supplying and fixing 40 to 60-w. lamps 230 volts	,,	19

PART "D".—SEPTIC WARD.

(Exterior Work—Mains).

1.	Supplying, fixing and wiring mains in $\frac{5}{8}$" braized conduit pipe supporting the same along the wall and the pole with suitable clamps using No. 14 B. & S. insulated wire 2,500 Meg. Ohm. grade and accessories	Ft.	25
2.	Grounding	L. S.	

(Interior Work).

1.	Supplying, fixing and wiring a teakwood board 12"×15"×1" finished with white lead paint with 2" battens and rear board equipping the same with a 10-amp. D.P.S.T. iron clad switch with fuse using No. 14 B. & S. insulated wire, 2,500 Meg. grade and accessories	No.	1
2.	Do do in 2"×1" two-way T. W. casing and capping treated with 2 coats of varnish and finished with white lead paint for "Ivanhoe" ceiling fixtures 10" dia. complete with plain opal glass ware B.C. lamp holder, 5-amp. bakelite cream coloured control switch using No. 14 B. & S. insulated wire 2,500 Meg. grade and accessories	,,	2
3.	Supplying, fixing and wiring batten holders as per specification against item No. 2 above	,,	1
4.	Supplying and fixing shades opal green conical 10"	,,	1
5.	Supplying and fixing lamps 40 to 60 watts.	,,	3

PART "E".—KITCHEN BLOCK BEHIND THE MATERNITY HOSPITAL.

(Exterior Work—Mains).

1.	Supplying, fixing and wiring mains in $\frac{5}{8}$" brazied conduit pipe, supporting the same along the wall and on the pole with suitable clamps using No. 14 B. & S. insulated wire, 2,500 Meg. grade and accessories	Ft.	25
2.	Grounding	L. S.	

(Interior Work).

3.	Supplying, fixing and wiring a varnished T. W. board 15"×12"×1" with 2" batten and rear board equipping the same with a 10 amp. D.P.S.T. iron clad switch with fuse using No. 14 B. & S. insulated wire 2,500 Meg. grade and accessories	No.	1
4.	Supplying, fixing and wiring in 2"×1" 2-way casing and capping treated with 2 coats of varnish for brackets P. B. 9"×$\frac{5}{8}$" complete with B.C. lamp holder 5-amp. bakelite control switch using No. 14 B. & S. insulated wire 2,500 Meg. grade and accessories	,,	4
5.	Supplying and fixing shades tin enamelled	,,	4
6.	Do do lamps B.C. 40 to 60 watts, 230-v.	,,	4

PART "F".—NURSES QUARTERS.

1.	Supplying, fixing and wiring mains in $\frac{5}{8}$" braized conduit pipe supporting the same along the pole and on the rafters by suitable clamps to feed all the 6 rooms through a common main using No. 14 B. & S. insulated wire 2,500 Meg. grade	Ft.	125
2.	Earthing	L. S.	
3.	Supplying, fixing T. W. boxes 9"×6" by 4½" complete with hinges and padlocks as per design to be given by the Department to house the D.P. cut-outs along the rafters behind the quarters to control the installations	No.	6

Sl. No.	Name of work.		
4.	Supplying, fixing and wiring in 2″×1″ two-way T.W. casing treated with 2 coats of varnish for drop lights complete with B.C.C.G. lamp holder, bakelite, 5-amp. bakelite control switch and protected by a pair of bow cut-outs 5-amp. using No. 14 B. & S. insulated wire 2,500 Meg. grade and accessories	No.	6
5.	Supplying and fixing shades, opal, white 10″	,,	6
6.	Supplying and fixing M.F.B.C. 230 volts, 30 watts each	,,	6

PART "G".—LATRINE BLOCK BEHIND THE NURSES QUARTERS.

1.	Supplying, fixing and wiring mains in $\frac{1}{8}$″ braised conduit pipe supporting the same on the pole and along the wall up to the meter board using No. 14 B. & S. insulated wire, 2,500 Meg. grade and accessories.	Ft.	25
2.	Earthing.	L. S.	
3.	Supplying, fixing and wiring a T. W. board 15″×12″×1″ treated with 2 coats of varnish with 2″ battens all round rear board, equipping the same with a 10-amp. D.P.S.T. iron clad switch using No. 14 B. & S. insulated wire 2,500 Meg. grade and accessories	No.	1
	Do do in a 2″×1″ teak wood casing treated with 2 coats of varnish for brackets P.B. 9″×$\frac{5}{8}$″ long complete with B.C. bakelite lamp holder, 5-amp. bakelite control switch using No. 14 B. & S. insulated wire 2,500 Meg. grade and accessories.	,,	2
	Supplying and fixing shades tin enamelled	,,	2
6.	Supplying and fixing lamps M.F.B.C. 40 to 60 watts, 230 volts.	,,	2

PART "H".—INSTALLING HEATING CIRCUIT IN THE BHEEMARAYAPPA-SAVITRAMMA LOCAL FUND DISPENSARY AND MATERNITY HOSPITAL, DAVANGERE.

	Supplying, fixing and wiring in 2″×1″ two-way T. W. casing treated with 2 coats of varnish and finished with 2 coats of white-lead externally for 15 amp. interlocking wall plugs combined with switch similar to G.E.C. Cat. No. S. 442 surface pattern protected with a pair of 15 amp. 'Neata' porcelain single pole cut-outs with fuse holders similar to G.E.C. Cat. No. S. 107 (mounting the latter on a suitable T. W. block) using No. 8 B. & S. insulated wire 2,500 Meg. grade and accessories	No.	6
	Supplying, fixing and wiring 15-amp. interlocking wall plugs combined with switch, flush type for the Operation Theatre, similar to G.E.C. Cat. No. S. 2444 protected with a pair of 15-amp. porcelain single pole cut-outs, with fuse holders complete similar to G.E.C. Cat. No. S. 107 using No. 6 B. & S. insulated wire 2,500 Meg. grade and accessories embedding the tapping piece in $\frac{3}{4}$″ braized conduit	,,	2
	Supplying, fixing and wiring a teakwood board 15″×12″×1″ with 2″ battens and rear board equipping the same with one 30-amps. D.P.S.T. iron-clad switch with fuse for controlling the water heater in the Bath Room adjacent to the labour room including the wiring up the sub-circuit mains to this board from the main meter board in 2″×1″ two-way T. W. casing and capping using No. 6 B. & S. insulated wire 2,500 Meg. grade and accessories	L. S.	
	Supplying and fixing one "Annapurna" Cylindrical copper boiler 20 Gallons capacity, jacketted with G.I. cased and lagged heavily for prevention of radiation and fitted with suitable "G.E." immersion Heater and thermostats to automatically cut off the current when the water raised to boiling temperature and provided with necessary inlets, outlets and safety valves complete	No.	1
	Supplying, instrument sterlisers, "Annapurna" 18″×9″×9″ with automatic lifting arrangement of lid and tray and mounted on a white enamelled pipe stand fitted with a 2 K.W. B.T.H. immersion Heater and a cock	,,	2

ABSTRACT.

1. Part "A" Overhead Mains common to all buildings.
2. ,, "B" Installing lights to the Male Section of the Hospital.
3. ,, "C" Installing Lights to the Maternity Ward and Female Out-patient Section.
4. ,, "D" Do do Septic Ward.
5. ,, "E" Do do Kitchen.
6. ,, "F" Do do Nurses' Quarters.
7. ,, "G" Do do Latrine Block behind Nurses' Quarters.
8. ,, "H" Installing Heating Circuit and to provide one Water Heater and two sterilizers to the Hospital.

N.B.—All lamps for Lighting excepting for "Gecoray" Fittings, will be supplied departmentally.

K. SUBBA RAO,
Superintendent.